

US-PAT-NO: 5634206

DOCUMENT-IDENTIFIER: US 5634206 A

TITLE: Method and apparatus for estimating a
signal fading characteristic

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Detailed Description Text - DETX (15):

Likewise, where communications unit 100 is a cellular base station (BS) and base site controller (BSC) the output of fading quality estimator 180 is preferably routed to a handoff determination processor 185 of the BS/BSC for use in altering hand-off parameters. For example, when the speed picks up for the subscriber, timing factors may be adjusted to more quickly handoff the subscriber into an adjacent cell or from a microcell to an overlay cell, etc. Finally, it should be apparent that many more uses of the fading quality estimator 180 output are possible, from simply providing speed information to a subscriber or infrastructure entity (such as a location register), to more complex adaptive changes to receiver parameters